



U.S. AIR FORCE

Joint Synthetic BattleSpace



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Joint Synthetic BattleSpace (JSB) Concept



An on-demand, integrated environmental and operational battlespace, able to selectively accommodate different functional applications at varying levels of detail using common components

-- JSB Visioning Workshop @ JFCOM 21-22 February 2001



Responsibility for JSB within the AF rests in AF/XOC

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Joint Synthetic BattleSpace Air Force (JSB-AF)



Linking the Common Synthetic Environment's Development to the AF CONOPS



Sample Domain
Initiatives

MODELING & SIMULATION GENERAL OFFICER STEERING GROUP

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Igniting JSB-AF Year 2000 Events



VSWE VII - Col Phil Faye

“JSB is actually a key enabler that...

- allows the warfighters to immerse in the problem
- allows the engineer to observe and be involve
- allows you to really examine variations in performance capabilities”



Kestrel Phoenix - Lt Col. Gary Holland

I believe JSB as it continues to evolve and the direction we are going, instead of doing 10 TDY's in a year we might be able to do 8 TDY's and do 2 in the JSB environment



JSB Ignition Event III -

Maj. Charlie Dunn

“We had participation all the way from Incirlik Air Base... Additionally The Air Guard participated for the combat search and rescue event. In our Joint Air Operations Center, we actually fought the air battle”



Desert Pivot - Lt Col “Boomer” Henry

- “Kestrel Phoenix, created a scenario that was used several months before we did our first Desert Pivot.”
- “For about half the price, we probably got double the training. All of the original players plus a lot more”



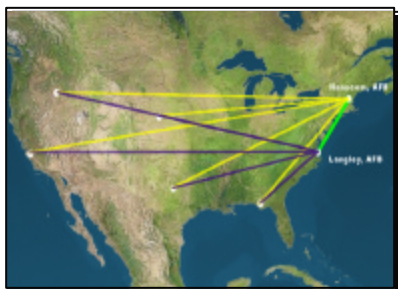
JSB-AF Facilitation Across Domains



Lt Gen Kenne



ESC/CC



Simulation Based Acquisition (SBA)

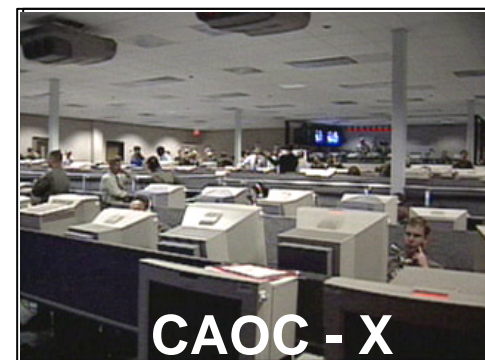


Maj Gen Perryman



AC2ISRC/CC

Distributed Mission Operations



CAOC - X



Events in CY01



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■ JSB Events

- JSB-AF (Acquisition) Experiment (ESC/CX) - Fall 01
 - Objective is to utilize heavily instrumented test environment of JCIET to validate synthetic environment representations
- DESERT PIVOT (TACCSF)
 - Theater Aerospace Command Control Simulation Facility (TACCSF) - sponsored interoperability & training
 - Repeatable quarterly training event
- IITSEC 01 JSB (JFCOM and Services)
 - JFCOM and Service supported demonstration
(<http://www.jwfc.jfcom.mil/dodnato/conferences/iitsec2001/>)



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Bridging the JSB Span



Working together to bridge the span

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